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Padmavathi Baskar

22221/1023 (RU-429)

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Art Unit

Examiner Name Attorney Docket Number

Examiner Initials*		U.S. Patent Document			Pages, Columns, Lines,
	Cite No.1	Number - Kind Code² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear
	1.	09/235,245		O'Donnell	
	2.	5,635,349	06-03-1997	LaMarco et al.	
	3.	6,077,664	06-20-2000	Slater et al.	
	4.	6,100,030	08-08-2000	McCasky Feazel et al.	
	5.	6,156,502	12-05-2000	Beattie	
	6.	5,151,350	09-29-1992	Colbert et al.	
	7.	5,376,526	12-27-1994	Brown et al.	
	8.	5,459,039	10-17-1995	Modrich et al.	
	9.	5,556,750	09-17-1996	Modrich et al.	
	10.	5,571,676	11-05-1996	Shuber	
	11.	5,583,026	12-10-1996	O'Donnell	
	12.	5,679,522	10-21-1997	Modrich et al.	
	13.	5,683,877	11-04-1997	Lu-Chang et al.	
	14.	6,083,924	07-04-2000	Earnshaw et al.	
	15.	6,420,161 B1	07-16-2002	Earnshaw et al.	
	16.	5.587.288	12-24-1996	Cheung et al.	

	U.S. PUBLISHED PATENT DOCUMENTS						
		U.S. Patent Document			Pages, Columns, Lines,		
Examiner Initials	Cite No.1	Number – Kind Code² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear		
	17.	2003/0129633 A1	07-10-2003	O'Donnell et al.			

	FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.1	Cite No.1 Foreign Patent Document		Publication Date		Pages, Columns, Lines, Where	
		Country Code ³ Number ⁴	Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	Te
	18.	EP0786519	A2	07-30-1997	Kunsch et al.		
	19.			03-18-1999 McHenry et al.			
	20.			03-07-1996	Brown et al.		
1	21.	WO99/37661	A1	07-29-1999	O'Donnell et al.		
	1						

Examiner	Da	Date
Signature		Considered

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Substitute	for form 1449A/PTO			Complete if Known		
INFO	RMATION	DISC	LOSURE	Application Number	10/048,071	
				Filing Date	July 28, 2000	
STATEMENT BY APPLICANT				First Named Inventor	O'DONNELL	
	(use as many sheets a	is necessary)		Art Unit	1645	
				Examiner Name	Padmavathi Baskar	
Sheet	2	of	3	Attorney Docket Number	22221/1023 (RU-429)	

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	,
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.)., date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
	22.	Biotechnology Industry Organization, "Critical Synergy: The Biotechnology Industry and Intellectual Property Protection," 1–178, 74–95, Presentations of the Intellectual Property Committee of the Biotechnology Industry Organization at the October 17, 1994, Hearing of the U.S. Patent and Trademark Office (October 17, 1994), available at http:://www.uspto.gov/web/offices/com/hearings/biotech/bioind.html (last accessed January 10, 2005)	
	23.	Cullmann et al., "Characterization of the Five Replication Factor C Genes of Saccharomyces cerevisiae," Mol. Cell. Biol. 15(9):4661-71 (1995)	
	24.	Fraser et al., "The Minimal Gene Complement of Mycoplasma genitalium," Science 270:397–403 (1995)	-
	25.	Guenther et al., "Crystal Structure of the δ' Subunit of the Clamp-loader Complex of E. coli DNA Polymerase III," Cell 91:335–45 (1997)	
	26.	Guenther, "Structural Studies on the DNA Replication Apparatus: X-Ray Crystal Structure of the δ' Subunit of <i>Escherichia coli</i> DNA Pol III," at 129–135 (Ph.D. thesis, Rockefeller University) (1996)	
	27.	Lee & Walker, "Escherichia coli DnaX product, the τ Subunit of DNA Polymerase III, Is a Multifunctional Protein with Single-stranded DNA-dependent ATPase Activity," Proc. Nat'l Acad. Sci. U.S.A. 84:2713–7 (1987)	
	28.	McHenry et al., "A DNA Polymerase III Holoenzyme-like Subassembly from an Extreme Thermophilic Eubacterium," J. Mol. Biol. 272:178–89 (1997)	
	29.	Morrison et al., "A Third Essential DNA Polymerase in S. cerevisiae," Cell 62:1143-51 (1990)	
	30.	Pacitti et al., "Characterization and Overexpression of the Gene Encoding Staphylococcus aureus DNA Polymerase III," Gene 165:51-6 (1995)	
	31.	Sauer et al., "Sporulation and Primary Sigma Factor Homologous Genes in Clostridium acetobutylicum," J. Bacterol. 176(21):6572-82 (1994)	
	32.	Seville et al., "Fluorometric Assay for DNA Polymerases and Reverse Transcriptase," BioTechniques 21:664–72 (1996)	
	33.	Youmans et al., THE BIOLOGICAL AND CLINICAL BASIS OF INFECTIOUS DISEASE 624, 802 (1985)	
	34.	Yurieva et al., "Thermus thermophilis dnaX Homolog Encoding γ- and τ-like Proteins of the Chromosomal Replicase," J. Biol. Chem. 272(43):27131-9 (1997)	
	35.	GenBank Accession No. AP003130	

'Examiner	Date	
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	OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	(T2		
	36.	GenBank Accession No. AP003359			
	37.	GenBank Accession No. AL009126			
	38.	GenBank Accession No. BAB41666			
	39.	GenBank Accession No. BAB56640			
	40.	GenBank Accession No. CAC09993			
	41.	GenBank Accession No. P28630			
	42.	GenBank Accession No. P43747			
	43.	GenBank Accession No. Q9Y5S2			
	44.	GenBank Accession No. Z99104			

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